

1 retrieving said database based on said search condition and holding position
2 information of said retrieved data, when processing said retrieval part; and
3 referencing said retrieved data used said position information from said database
4 and operating said retrieved data.

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1 37. The data processing method according to claim 36, wherein said retrieved
2 data is constituted by a plurality of partial data and each said partial data is defined by a
3 name and data type declaration.

1 38. The data processing method according to claim 37, wherein, during
2 operating said retrieved data, said partial data is extracted from said retrieved data.

1 39. The data processing method according to claim 37, wherein, during
2 operating said retrieved data, said partial data is stored as part of said retrieved data.

1 40. The data processing method according to claim 37, wherein, during
2 operating said retrieved data, said partial data of said retrieved data is replaced by another
3 partial data.

1 41. The data processing method according to claim 37, wherein, during
2 operating said retrieved data, said partial data of said retrieved data is deleted from said
3 retrieved data.

1 42. The data processing method according to claim 37, wherein said operating
2 said retrieved data is defined by a member function which contains processing for said
3 partial data in definition of said retrieved data.

1 43. A data processing method in a database comprising the steps of:
2 inputting a query for data retrieval;
3 a' retrieving data including a plurality of partial data from said database based on a
4 search condition, and holding position information of retrieved data; and
5 retrieving said partial data of said retrieved data from said database based on said
6 position information so that any of said partial data in said retrieved data is used for
7 processing, control and database operations subsequent to data retrieval.

1 44. A database retrieval system comprising:
2 a first server for analyzing queries about a database; and
3 a plurality of second servers connected to said first server by a network, for
4 operating a database,
5 wherein said second servers retrieve data from said database, and said first server
6 processes and controls data retrieved by said second servers, and
7 wherein said first server causes said second servers, upon retrieval of data to return
8 position information about said data as a retrieval result to said first server, and retrieves
9 said data from said database operation server based on said position information for

processing, control and database operations subsequent to the retrieval of said data.

45. The database retrieval system according to claim 44, wherein said first server retrieves partial data items of said data from said second server based on said position information and dictionary information concerning locations of said partial data items within said data and partial data identifiers necessary for queries.

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46. The database retrieval system according to claim 44, wherein said first server performs a process using the retrieved partial data items.

47. The database retrieval system according to claim 46, wherein said position information comprises:

an identifier of an individual second server having retrieved said data and an address of said data within said second server.

48. The database retrieval system according to claim 46, wherein said dictionary information of locations of said partial data items within said data comprises offset values representing locations of said partial data items relative to a starting address, said partial data items being clustered within said data.--